

## ABSTRACT

A method and apparatus improves the visibility of information displayed on a portable electronic device display in various ambient lighting conditions. The portable electronic device measures the ambient light associated with the display and 5 adjusts the display based on the measured ambient light to improve the visibility of the displayed information. In an exemplary embodiment, light detection electronics detect the ambient light associated with the display. A light processor processes the raw data to determine the measured ambient light based on the detected ambient light. A display controller of the portable electronic device adjusts the display based 10 on the measured ambient light. An exemplary display controller may adjust the size of the displayed information, a backlight intensity of the display, or a display contrast based on the measured ambient light.

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